

## WHAT IS CLAIMED IS:

- 1    1. A mobile terminal device having an antenna portion,  
2        wherein the antenna portion comprising:  
3            a tip portion located outside a casing of the mobile  
4        terminal device; and  
5            a switch unit controlling an operation of the mobile  
6        terminal device.
  
- 1    2. The mobile terminal device according to claim 1,  
2        wherein the switch unit is operated by operating the tip  
3        portion, and the mobile terminal device performs a predetermined  
4        operation.
  
- 1    3. The mobile terminal device according to claim 2,  
2        wherein the switch unit includes at least one of a  
3        depression switch and a rotation switch.
  
- 1    4. The mobile terminal device according to claim 3,  
2        wherein the depression switch is operated by pressing a  
3        tip portion thereof, and  
4            the rotation switch is operated by rotating a tip portion  
5        thereof.
  
- 1    5. The mobile terminal device according to claim 2,  
2        wherein respective operation modes of the tip portion  
3        correspond to respective operations of the mobile terminal  
4        device.

1       6. The mobile terminal device according to claim 5,  
2           wherein the operation modes of the tip portion, in which  
3       the mobile terminal device is operated, are changeable.

1       7. The mobile terminal device according to claim 5,  
2           wherein the mobile terminal device outputs an alarm signal  
3       in accordance with a predetermined operation mode of the tip  
4       portion.

1       8. The mobile terminal device according to claim 7,  
2           wherein the alarm signal is a sound wave signal.

1       9. The mobile terminal device according to claim 7,  
2           wherein the alarm signal is a radio wave signal.

1       10. The mobile terminal device according to claim 9,  
2           wherein the mobile terminal device sends an alarm signal  
3       including at least one of a current position of the mobile terminal  
4       device and a predetermined message to at least any of a police  
5       station and a rescue center.

1       11. The mobile terminal device according to claim 2, further  
2       comprising a display unit,  
3           wherein the display unit displays an operation item of  
4       the mobile terminal device in accordance with a predetermined  
5       operation mode of the tip portion of the antenna portion.

1       12. The mobile terminal device according to claim 11,

2       wherein the mobile terminal device includes first and  
3 second casings connected to each other by a hinge portion, and  
4       the display unit can be viewed from an outside in a state  
5 where the first and second casings are folded.

1   13. The mobile terminal device according to claim 1, further  
2 comprising: a first battery holder for a first battery and a  
3 second battery holder for a second battery,  
4       wherein the mobile terminal device is operated by the  
5 second battery in a case where the first battery is lost.

1   14. The mobile terminal device according to claim 3,  
2       wherein the rotation switch includes a permanent magnet  
3 magnetized in a predetermined direction, and a search coil.

1   15. The mobile terminal device according to claim 3,  
2       wherein the rotation switch includes a reflection plate,  
3 a light-emitting element emitting light onto the reflection plate,  
4 and a photodetection element receiving reflected light from the  
5 reflection plate.